

## INTEGRATED TONE-BASED AND VOICE-BASED TELEPHONE USER INTERFACE

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### ABSTRACT OF THE DISCLOSURE

10 An integrated telephone user interface (TUI) system  
permitting switching between Dual Tone Multi-Frequency and voice  
operating command modes. This system provides the user with access to  
either command mode and allows the user to toggle among the two  
command modes while each command mode remains functionally distinct  
from the other. For example, when receiving a call, the TUI prompts the  
user to select either the voice-based or the tone-based command mode.  
After receiving an input from the user that activates one of the command  
15 modes, the user may initiate a desired TUI operation while in the active  
command mode. However, the user can also interrupt the active  
command mode and switch to another operationally distinct command  
mode. In response to the interruption, the system translates command  
modes to allow the user to resume TUI operation in the other command  
20 mode.

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